

Manufacturer/Supplier:

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Product name: Anti-Mouse CD86 Monoclonal Antibody(AF647
Conjugated)

Catalog: DL20110F

Synonyms: T-lymphocyte activation antigen
CD86, Cd86, Activation B7-2 antigen, Early T-cell
costimulatory molecule 1, ETC-1

Background: CD86 is an 80 kD immunoglobulin superfamily member also known as B7-2, B70, and Ly-58. CD86 is expressed on activated B and T cells, macrophages, dendritic cells, and astrocytes. CD86, along with CD80, is a ligand of CD28 and CD152 (CTLA-4). CD86 is expressed earlier in the immune response than CD80. CD86 has also been shown to be involved in immunoglobulin class-switching and triggering of NK cell-mediated cytotoxicity. CD86

binds to CD28 to transduce co- stimulatory signals for T cell activation, proliferation, and cytokine production. CD86 can also bind to CD152, also known as CTLA-4, to deliver an inhibitory signal to T cells.

Form: Liquid

Isotype: Rat IgG2a, κ

Size:

Host: Rat

50Tests/100Tests/100Tests \times 2

Reactivity: Mouse

Application: FCM

Concentration: 5 μ L

Conjugation: AF647

SwissProt: P42082

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

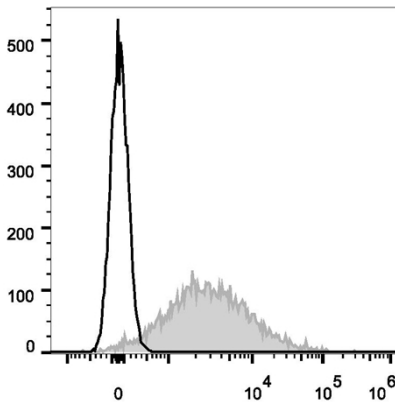
Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined

for individual use.

Data:

LPS-stimulated (3 days) C57BL/6 murine splenocytes are stained with Anti-Mouse CD86 Monoclonal Antibody(AF647 Conjugated)(filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.



Storage:

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.